

Work Order ID 138280

Tuesday, October 27, 2015 11:06:58 AM

138280

Page 1

Item ID: D3284-009 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Bearing
 Start Date: 10/26/2015 Start Qty: 4.00 ***4*** Cust Item ID:
 Required Date: 10/26/2015 Req'd Qty: 4.00 ***4*** Customer:
 Reference:

Approvals: Process Plan: ML5 Date: OCT 28 2015 Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D3284	B								
100	PURCHASING	0.00							
100									
Purchasing	Memo	0.00							
Purchasing	Issue P/O: <u>30320</u> to Eagle Copters								
	Order P/N: 47-140-252-5								
	Certificate of Conformity is required								
110	Receive & Inspect for Damage & Mat'l Certs	0.00							
110									
Packaging	Memo	0.00							
Packaging	Ensure certificate of conformity is attached								
120	QC5- Inspect part completeness to step on W/O	0.00							
120									
QC	Memo	0.00							
Quality Control									

CY OCT 30 2015 Y

4x SP15-11-03

(41) NOV 04 2015

DAS
38
9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval 		
Description Work Order Deviation				Disposition					
							Completed By		
							Lead hand / Supervisor Approval Verification		
							QC / QA Coordinator Approval		

Root Cause				FAULT CATEGORY							
Environment	☐	No Re-verification	☐	Pressure/Forced	☐	Temperature/Cure	☐	Power Loss/Surge	☐	Positioned Wrong	☐
Design	☐	Operator	☐	Bending	☐	Set-up	☐	Folio/Program	☐	Outside Dimensions	☐
Doc/Data	☐	Offset/Setup	☐	Centre Not Concentric	☐	BOM/Route	☐	Grain	☐	Over/Under tolerance	☐
Equip/Tooling	☐	Supplier	☐	Cracks	☐	Broken/Damage/Defect	☐	Weld	☐	Part Incorrect	☐
Handling/Pre	☐	Training	☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified	☐	Wrong Stock Pulled	☐	Part Lost/Missing	☐
Material	☐	Use for Testing	☐	Cuffs	☐	Contamination	☐	Out of Sequence	☐	Part Moved	☐
Internal Transport	☐	Poor Information	☐	Crushing	☐	Countersink	☐	Off-set	☐	Drawing	☐
Tribal Knowledge	☐	Rushing	☐	Heat Treat	☐	Cut Too Short	☐	Mislabeled	☐	Finish	☐
LOA	☐	Product Improvement	☐	Wave/Twist in Tube	☐	Instructions Incomplete/Unclear	☐	Fit/Function	☐	Misread	☐
Substation	☐	Process Improvement	☐	Marks/Chatter	☐	Drill Holes	☐	Misaligned/off center	☐	Turning Sequence	☐
Past Expiry Date	☐	Manufacturing Process	☐	OTHER :							
Misidentified	☐	Past Due	☐								

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Item ID: D3284-009

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Item Name: Bearing

Stop ***NS2***

Start Date: 10/26/2015 Start Qty: 4.00

4

Cust Item ID:

Required Date: 10/26/2015 Req'd Qty: 4.00

4

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start ***NR1***

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Identify as per dwg & Stock Location: <u>ST030</u>	0.00				Y			
130									
Packaging	Memo	0.00							
Packaging									
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.01							
Quality Control									

NOV 04 2015

NOV 04 2015

20151104

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval 		
Description Work Order Deviation				Disposition					
							Completed By		
							Lead hand / Supervisor Approval Verification		
							QC / QA Coordinator Approval		

Root Cause				FAULT CATEGORY			
Environment ☐		No Re-verification ☐		Pressure/Forced ☐		Temperature/Cure ☐	
Design ☐		Operator ☐		Bending ☐		Set-up ☐	
Doc/Data ☐		Offset/Setup ☐		Centre Not Concentric ☐		BOM/Route ☐	
Equip/Tooling ☐		Supplier ☐		Cracks ☐		Broken/Damage/Defect ☐	
Handling/Pre ☐		Training ☐		Crimp/Kink/Ripple/Wave ☐		Inspection Incomplete/Unqualified ☐	
Material ☐		Use for Testing ☐		Cuffs ☐		Contamination ☐	
Internal Transport ☐		Poor Information ☐		Crushing ☐		Countersink ☐	
Tribal Knowledge ☐		Rushing ☐		Heat Treat ☐		Cut Too Short ☐	
LOA ☐		Product Improvement ☐		Wave/Twist in Tube ☐		Instructions Incomplete/Unclear ☐	
Substation ☐		Process Improvement ☐		Marks/Chatter ☐		Drill Holes ☐	
Past Expiry Date ☐		Manufacturing Process ☐		OTHER : _____ _____ _____			
Misidentified ☐		Past Due ☐					

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138280

D3284-009

Required Qty: 4.00

IPP REV:B 11.02.25 AS

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
047-140-252-005		Purchased	No			110	Each	0.0000	1	4			
047-140-252-005									**	4x 8p15-11-00			
Rod Bearing End													

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐		OTHER : ☐					

SPECIFICATION CONTROL DRAWING

DART P/N	SPECIFICATION
D3284-001 SLEEVE	ACS P/N B80702-1 PER ACS DWG B80702 REV. A
D3284-003 STUD	ACS P/N B80703-1 PER ACS DWG B80703 REV. A
D3284-005 STUD	ACS P/N B80704-1 PER ACS DWG B80704 REV. A
D3284-007 STUD	ACS P/N B80705-1 PER ACS DWG B80705 REV. B
D3284-009 BEARING	BHT P/N 47-140-252-5
D3284-011 BEARING	BHT P/N 205-060-101-001
D3284-021 TUBE ASSY	204-060-158-001 MODIFIED PER IIN-D205-708
D3284-023 BIPOD ASSY	204-060-155-001 MODIFIED PER IIN-D205-708
D3284-025 TRIPOD ASSY	204-060-157-001 MODIFIED PER IIN-D205-708
D3284-031 TUBE ASSY	205-060-107-001 MODIFIED PER IIN-D205-708
D3284-033 BIPOD ASSY	205-060-106-001 MODIFIED PER IIN-D205-708
D3284-035 TRIPOD ASSY	205-060-105-001 MODIFIED PER IIN-D205-708



NOTE:

FOR FUTURE PROCUREMENT, THE PURCHASE ORDER MUST SPECIFY THAT THE MATERIAL USED TO MANUFACTURE THE D3284-001/-003/-005/-007 PARTS MUST COMPLY WITH THE FOLLOWING SPECIFICATIONS:

AISI 4130 ROUND BAR PER AMS 6348/MIL-S-6758 WITH
 MIN Ft_u = 90 Ksi
 MIN Ft_y = 70 Ksi

EACH INDIVIDUAL ITEM TESTED BEFORE USE OR PROVEN TO EQUAL OR EXCEED THE ABOVE.

STOP COPY
 RETURN TO
 ENGINEERING
 UNCONTROLLED COPY
 SUBJECT TO AMENDMENT
 WITHOUT NOTICE
 WORK ORDER
 NO. 138280 MWS
 15-10-28
RELEASED
 2010-03-25

B	ADD NOTE	RF	09.07.14
A	NEW ISSUE	KJ	04.05.06
REV.	DESCRIPTION	BY	DATE
DESIGN	DS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED		DRAWING NO. REV. B	
MFG. APPR.		D3284 SHEET 1 OF 1	
APPROVED		TITLE SCALE	
DE APPR.		ADJUSTABLE ENGINE MOUNT NTS	
DATE	09.07.14	COPYRIGHT © 2004 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO30320**

Purchase Order Date 10/30/2015

PO Print Date 10/30/2015

Page Number 1 of 1

Order From : VU-EAG002

EAGLE COPTERS MAINTENANCE LTD.
823 MCTAVISH ROAD N E
CALGARY, AB T2E 7G9
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FAXED

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	403-250-7370	Customer POID	
Ship To Contact		Customer Tax #	10127-2607
Ship To Phone		Terms	Net 30
Ship Via:	FedEx Overnight collect	Currency	USD
Ship Acct:		FOB	Destination-Collect

Line Nbr	Reference Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
	Line Comments		Promise Date				
1	047-140-252-005	Rod Bearing End	11/6/2015		4.00	\$108.56	\$434.24
			Yes		Each		
			11/6/2015				
	AS PER DWG D3284 REV. B B138280						
2	71401-45	PROCUREMENT QUALITY CLAUSES	11/6/2015		1.00	\$0.00	\$0.00
			No				
			11/6/2015				
	Procurement Quality Clauses A005 RIGHT OF ENTRY A026 CERTIFICATION OF MATERIAL CONFORMANCE A040 NOTIFICATION OF QUALITY ESCAPE A042 DART NOTIFICATION BY SUPPLIER A043 RETENTION OF QUALITY DOCUMENTS						

Line Total: \$434.24

Line Total: \$0.00

PO Total: \$434.24

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 1

Change Date: 10/30/2015

Packing Slip

Eagle Copters Maintenance Ltd

823 McTavish Rd, NE
Calgary, Alberta T2E 7G9
Canada

November 02, 2015

Telephone: (403) 250-7370

Fax: (403) 250-7110

Shipment number: SH#15-003164

Ship To: Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Canada

Ship Via: FEDEX

Phone: (613)632-5200

Waybill: 774875658264

Item	Part / Tool Number	Part / Tool Description	Current Location	Qty	UOM	Serial Number	Lot Number/Tool ID
1	047-140-252-005	BEARING	Shipping Area	4	Each		LT-15-008873

Type of sale: Outright

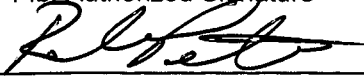
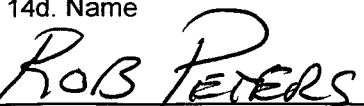
Customer PO number: 30320

Sales Order Number: SO15-01608.001

*** End of Document ***

SP15-11-03

>> denotes that the Packing Slip line item has already been printed.

1. Approving National Authority/Country Transport Canada		Authorized Release Certificate FORM ONE			3. Form Tracking Number SO15-01608.001
4. Approved Organization Name and Address Eagle Copters Maintenance Ltd 823 McTavish Road NE, Calgary, Alberta, Canada, T2E 7G9				TCCA AMO Number 6-81 EASA Part- 145.7028 Chilean Approval Number 333	
6. Item 1	7. Description BEARING	8. Part Number 047-140-252-005	9. Quantity 4 Each	10. Serial Number/ Lot Number LT-15-008873	11. Status/Work Inspected
12. Remarks Above product was purchased new from Eagle approved vendors. This product has been passed through receiving inspection in accordance with the TCCA approved Eagle Maintenance policy manual and all certification kept on file at Eagle Copters. Time Since New: <u>0.0</u> Time Since Overhaul: <u>N/A</u> Other: <u>N/A</u>					
13a. Certifies that the items identified above were manufactured in conformity to: ☐ Approved design data and are in condition for safe operation ☐ Non-approved design data specified in block 13			14a. ☒ CAR 571.10 Maintenance Release ☐ Other regulations specified in block 12 Certifies that, unless otherwise specified in block 12, the work identified in block 11 and described in block 12 has been performed in compliance with the Canadian Aviation Regulations		
13b. Authorized Signature _____		13c. Certificate/Approval No. _____		14b. Authorized Signature  	
13d. Name _____		13e. Date _____		14c. Certificate/Approval No. TC AMO Approval No. 6-81 14d. Name  14e. Date (mm/dd/yyyy) 11/02/2015	

Installer Responsibilities

This certificate does not constitute authority to install. Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified. Statements in blocks 13a and 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.

Eagle Copters Maintenance Ltd

823 McTavish Road, NE Calgary, Alberta T2E 7G9

TCCA AMO Approval No. 6-81

LOT #: LT-15-008873



Sold To: SO15-01608

Sold Date: 10/30/2015 7:31:54PM

PART #: 047-140-252-005

Description: BEARING

Serial No:

Condition: New

Qty Sold: 4.00

Cure Date:

Manufacturer: Bell Helicopter (Manufacturer)

	Cycles	Hours
Total Time:	_____	0.
TSO:	_____	_____
Time Remaining:	_____	_____

Details of work performed/reason for removal

Receiving Inspection

Additional work to be performed upon installation

November 02, 2015

Inspector

Lic. No./Star

